ACYONIDAE AMEGHINO, 1889 (MAMMALIA): PROPOSED SUPPRESSION UNDER THE PLENARY POWERS. Z.N.(S.) 2159.

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1. The family-group name ACYONIDAE was formally established by Ameghino (1891, *Rev. Arg. Hist. Nat.* 1: 147n) for the marsupial genera *Acyon* and *Sipalocyon*. The name first appears as a nomen nudum in a list of families in Ameghino (1889, *Actas Acad. Cienc. Córdoba* 6: 894).

2. Trouessart (1898, *Cat. Mamm.* 5: 1215) later recognized the taxon as a subfamily, ACYONINAE, and included it within the family BORHYAENIDAE which was established by Ameghino (1894, *Bol. Acad. Cienc. Córdoba* 13: 371).

3. The last use of the family-group name ACYONIDAE as a valid name was by Trouessart (1904, *Cat. Mamm., Suppl.* 1: 176) who recognized it as denoting a distinct taxon from BORHYAENIDAE and Palmer (1904, *Index Gen. Mamm.* 23: 877) who included it as a synonym of the family-group name BORHYAENIDAE. Palmer (*ibid.* 877n) noted "Acyonidae has priority of five years merely by publication in a nominal list, but as Borhyaenidae has come into more general use it is here adopted provisionally".

4. The family-group name ACYONIDAE has remained unused as a senior synonym in all zoological literature for the last seventy years. During this period of time the family-group name BORHYAENIDAE has always been used, and ACYONIDAE ignored by everyone working on members of this family: Cabrera (1927, *Revta. Mus. La Plata* 30: 273), Gromova (1959, *Fundamentals of Paleontology: Mammals* 13: 48, 70), Patterson (1965, *Breviora* 217: 6), Patterson and Pascual (1968, *Quart. Rev. Biol.* 43: 419), Paula Couto (1952, *Amer. Mus. Novit.* 1559: 23; 1961, *An. Acad. Brasil. Ciênc.* 33(3/4): 329), Piveteau (1961, *Traité de Paléontologie* 6(1): 605), Riggs (1934, *Trans. Amer. Phil. Soc.* 24(1): 8), Romer (*Vertebrate Paleontology*, all editions, 1933: 264; 1945: 319; 1966: 204), Simpson (1930, *Foss. Cat.* 1(47): 42; 1941, *Amer. Mus. Novit.* 1118: 1; 1945, *Bull. Amer. Mus. Nat. Hist.* 85: 42, 172; 1948, *Bull. Amer. Mus. Nat. Hist.* 91(1): 38), Thenius (1969, *Handbuch der Zoologie* 8(47), 2(1): 75), Viret (1955, *Traité de Zoologie* 17(1): 174), and many others.

5. The genus *Acyon* Ameghino 1887 is a junior synonym of *Cladosictis* Ameghino 1887 (Cabrera, 1927, *Rev. Mus. La Plata* 30: 288).

6. For the reasons given in paragraphs 3 and 4, we request the Commission:

(a) to use its plenary powers to suppress the family-group name ACYONIDAE Ameghino, 1889 for the purposes of the Law of Priority, but not for those of the Law of Homonymy;

(b) to place this family-group name on the Official Index of Rejected and Invalid Family-Group Names in Zoology.